# 1379102-1 ACTIVE

### MQS

TE Internal #: 1379102-1

Housing for Female Terminals, Wire-to-Wire / Wire-to-Board, 18 Position, .1 in [2.54 mm] Centerline, Black, Wire & Cable, Signal,

MQS

View on TE.com >



Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: .63 mm [ .025 in ]

Connector System: Wire-to-Board, Wire-to-Wire

Number of Positions: 18

Centerline (Pitch): 2.54 mm [.1 in]

All MQS, CONNECTOR HOUSING (571)

### **Features**

### **Product Type Features**

r roduct Type reatures	
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	18
Number of Rows	2
Electrical Characteristics	
Operating Voltage	16 VDC
Nominal Voltage Architecture	12 V, 16 V
Body Features	
Cable Exit Angle	180°
Primary Product Color	Black

Neutral

Connector & Keying Code



PBT Centerline (Pitch)  Connector Height  Product Width  Product Length  Cow-to-Row Spacing  Compared Conditions  Consider Temperature (Max)  PBT  2.54 mr  2.54 mr  2.54 mr  2.54 mr  2.55 mm  2.56 mm  2.67 mm  2.68 mm  2.68 mm  2.69 mm	.025 in]
Contact Type  Mating Tab Width  Contact Current Rating (Max)  Sechanical Attachment  Ferminal Position Assurance  Mating Alignment Type  Mating Alignment  Connector Mounting Type  Cable Novements  Connector Mounting Type  Connector Mounting Type  Connector Mounting Type  Connector Mounting Type  Connector Height  To mmensions  Connector Height  To mmile  Toroduct Length  Connector House (Max)  Connector Mounting Type  Connector Height  To mmile  Toroduct Length  To "C, 7"  Tiss "Fig."  Connector Height  To "C, 7"  Tiss "Fig."  Tiss "F	.025 in]
Mating Tab Width63 mm Contact Current Rating (Max) 13 A  sechanical Attachment  ferminal Position Assurance No Mating Alignment Type Polarize Mating Alignment With Connector Mounting Type Cable No Cable No Cable No Centerline (Pitch) 2.54 mm Mensions Connector Height 7.5 mm Mount Connector Height 7.5	.025 in]
Contact Current Rating (Max)  schanical Attachment  ferminal Position Assurance  Mating Alignment Type  Mating Alignment Connector Mounting Type  Cable Nousing Features  Housing Material  Centerline (Pitch)  mensions  Connector Height  roduct Width  17 mm[  roduct Width  17 mm[  Acting Alignment  Connector Height  PBT  Connector Height  Poduct Length  Connector Would Width  Product Length  Connector Row Spacing  age Conditions  Congressing Temperature (Max)  Congressing Temperature Range  Poperating Temperature Range  Poperation/Application	
echanical Attachment  ferminal Position Assurance  No  Attain Relief  Without  Mating Alignment Type  Polarize  Mating Alignment  Connector Mounting Type  Cable Mating Features  Housing Material  PBT  Centerline (Pitch)  PBT  Connector Height  Toduct Width  Toduct Width  Toduct Length  Conveto-Row Spacing  age Conditions  Deparating Temperature (Max)  Poperating Temperature Range  Page Conditions  Poperation/Application	
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Acting Alignment Type  Mating Alignment  With Connector Mounting Type  Cable Mousing Features  Housing Material Centerline (Pitch)  Mensions  Connector Height  Paroduct Width  Product Length  Converto-Row Spacing  Acting Conditions  Connector Temperature (Max)  Page Conditions  Connector Temperature Range  Page Conditions  Page Conditions  Connector Temperature Range  Page Conditions	
Mating Alignment  Mating Alignment  With  Connector Mounting Type  Cable Mating Features  Housing Features  Housing Material  PBT  Centerline (Pitch)  2.54 mr  Product Width  Troduct Length  Product Length  Product Length  Product Length  Product Connector Max  Product Length  Product	
Mating Alignment  Connector Mounting Type  Cable Mousing Features  Housing Material  PBT  Centerline (Pitch)  2.54 mr  mensions  Connector Height  Troduct Width  Troduct Width  Troduct Length  Row-to-Row Spacing  age Conditions  Degrating Temperature (Max)  PBT  2.54 mr  7.5 mm  7.5 mm  7.5 mm  7.5 mm  7.5 mm  7.5 mm  7.7 mm  7.7 mm  7.7 mm  7.8 mm  7.9 °C, 7 mm	d
Connector Mounting Type  Cable Nousing Features  Housing Material  PBT  Centerline (Pitch)  2.54 mr  mensions  Connector Height  7.5 mm  Product Width  17 mm[ Product Length  Cow-to-Row Spacing  age Conditions  Deparating Temperature (Max)  Poperating Temperature Range  -40 – 10  Deparation/Application	
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Housing Material Centerline (Pitch) 2.54 mr  mensions  Connector Height 7.5 mm  Product Width 17 mm[ Product Length 25.3 mr  Row-to-Row Spacing 3.6 mm  Departing Temperature (Max) 70 °C, 7 [158 °F] F]  Operating Temperature Range  Departion/Application	lount (Free-Hanging)
Centerline (Pitch)  mensions  Connector Height  7.5 mm  Product Width  17 mm[ Product Length  25.3 mr  Row-to-Row Spacing  3.6 mm  age Conditions  Operating Temperature (Max)  Operating Temperature Range  -40 – 10  Operation/Application	
Connector Height 7.5 mm Product Width 17 mm[ Product Length 25.3 mm Cow-to-Row Spacing 35.6 mm Cowgrating Temperature (Max) 70 °C, 7 [158 °F] F] Coperating Temperature Range 25.3 mm 26.6 mm 27.5 mm	
Connector Height 7.5 mm Product Width 17 mm[ Product Length 25.3 mm Row-to-Row Spacing 3.6 mm Row-to-Row Spacing 5.6 mm Roy-to-Row Spacing 5.6 mm Roy-to-Row Spacing 5.6 mm Roy-to-Row Spacing 5.6 mm Roy-to-Row Spacing 6.70 °C, 7 [158 °F] 7.9 Perating Temperature (Max) 7.5 mm 7.5 mm 7.5 mm 7.5 mm 7.5 mm 7.6 mm 7.6 mm 8.7 mm	n[.1 in]
Product Width 17 mm[ Product Length 25.3 mm Row-to-Row Spacing 5.6 mm age Conditions  Departing Temperature (Max) 70 °C, 7 [158 °F] F]  Departing Temperature Range -40 – 10 Decration/Application	
Product Length 25.3 mm  Row-to-Row Spacing 5.6 mm  age Conditions  Operating Temperature (Max) 70 °C, 7 [158 °F]  Fl  Operating Temperature Range -40 – 10 operation/Application	.295 in]
Row-to-Row Spacing  5.6 mm  age Conditions  Operating Temperature (Max)  To °C, 7  [158 °F]  F]  Operating Temperature Range  -40 – 10  Decration/Application	669 in]
age Conditions  Operating Temperature (Max)  70 °C, 7  [158 °F]  F]  Operating Temperature Range  -40 – 10  Decration/Application	n[.996 in]
Operating Temperature (Max) 70 °C, 7 [158 °F] F] Operating Temperature Range -40 – 10 Decration/Application	.22 in]
[158 °F] F] Operating Temperature Range -40 – 10 Decration/Application	
peration/Application	5 °C, 80 °C, 85 °C, 90 °C, 100 °C 167 °F][176 °F][185 °F][194 °F][212 °
Circuit Application Signal	0°C[-40 – 212°F]
	0°C[-40 – 212°F]
dustry Standards	0°C[-40 – 212°F]
JL Flammability Rating UL 94H	0°C[-40 – 212°F]
ckaging Features	
Packaging Method Bag	
her	
Serviceable No	



Connector Position Assurance Capable

No

## **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# **Compatible Parts**







Also in the Series MQS





Automotive Connector Caps & Covers (138)



Automotive Connector EMC Shielding
(3)



Automotive Connector Locks & Position Assurance(30)



Automotive Housings(506)



Automotive Terminals(104)



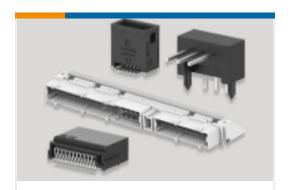
Connector Seals & Cavity Plugs(27)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(14)



PCB Headers & Receptacles(214)

# Customers Also Bought



TE Part #1379100-2 COV+LEV MQS 18W 0DEG WHI



TE Part #1379095-2 COV+LEV MQS 12W 0DEG BLUE



TE Part #1801175-5

2W RECEPTACLE HP CONNECTOR

GREEN



TE Part #1-1801178-1
3W RECEPTACLE HP CONNECTOR
BLACK



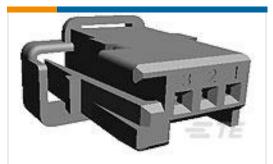
TE Part #1379101-5 COV+LEV MQS 18W 90DEG GREEN



TE Part #1801178-2
3W RECEPTACLE HP CONNECTOR
BLUE



TE Part #0021036033 RBK-ILS-125-NR3-0-25MM



TE Part #953697-5
3W MQS RCPT HSG POSI MATE



TE Part #925014 2 P FF 110(2.8 MM) HOUSING RECEPTACLE TE Part #1544266-2 FUSE BOX ASSY HARD WIRED BFH12 WO BUSBAR

### **Documents**

### **Product Drawings**

18POS MQS REC

English

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_1379102-1\_A.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1379102-1\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1379102-1\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

### Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

### **Product Specifications**

**Product Specification** 

French

**Product Specification** 

English

### **Instruction Sheets**

Instruction Sheet (non U.S.)

French

Instruction Sheet (non U.S.)

English